

CLAIMS

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1. A connector comprising
a first insulating body, and
first contact elements supported by said first insulating body,
said first insulating body comprising:

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at least one guiding or catching area having a perimeter defining and limiting said catching area,

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said catching area being adapted to assure that even for a certain amount of misalignment between said first connector and a second connector supporting second contact elements and adapted to be coupled to said first connector a proper engagement and connection of said first and second, contact elements occurs, thus forming a connector system due to the fact that said guide means provided on said second connector cooperate with said catching area, and guide said first and second connectors into engagement wherein the outer perimeter of said catching area has the shape of one of a square and a rectangle.

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2. The connector of Claim 1 wherein the catching area is defined by said insulating body of said first connector with a recess extending into said insulating body from said perimeter of said catching area, such that a guide or catching surface provided by the surface of said recess extends inwardly from said perimeter towards a receiving hole at an inner end of said catching surface.

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3. The connector of Claim 2, wherein said receiving hole, located at the inner end of said catching surface is located close to a lower portion of the perimeter of the catching area and in a middle portion thereof.

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4. The connector of Claim 3, wherein at each of two diametrically oppositely located corners of the first insulating body, cutouts are provided which are adapted to receive mounting means when said first connector is movably mounted on a component.

5. A connector comprising a second insulating body and second contact elements supported by said second insulating body,
said second insulating body comprising a base portion from which a support section projects with a free end into one direction, defining abutment surfaces on the base section.
6. A connector of Claim 5 wherein said support section has a predetermined length so as to provide for a stroke length L, which allows for a relative translational movement between the second insulating body and a part e.g. of a drawer on which said second connector is mounted,
said stroke length L being limited on the one hand side by said abutment surfaces and on the other hand side by an abutment surface, provided close to said free end of said support section, and wherein said abutment surface is provided by a detent hook, formed adjacent to the free end of said support section.
7. The connector of Claim 5, wherein said base section is provided with guide pin holes at diagonally opposite positions, said guide holes extending in directions parallel to the direction of extension of the support section.
8. A connector system comprising:
a first connector and a second connector,
said first connector having a first insulating body and first contact elements supported by said insulating body,
said first insulating body comprising at least one guiding or catching area, having a perimeter defining and limiting said catching area,
said second connector comprising a second insulating body and second contact elements supported by said second insulating body, said second insulating body having a base portion, from which a support section projects with a free end of said support section into one direction, said second connector having guide means associated therewith which are adapted to cooperate with said catching area,
said catching area being adapted to assure that even in the case of existence of a certain amount of misalignment between said first connector and said second connector both will be coupled properly engaging and connecting said first and

second contact elements of said first and second connectors, due to the fact that said guide means provided on said second connector cooperate with said catching area and guides said first and second connectors into engagement, when the outer perimeter of said catching area has the shape of one of a square and a rectangle.